IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
Woonza M. RHEE et al.

Continuation of Serial No.: 10/364,762 Group Art Unit: Unassigned

Filing Date: Filed herewith Examiner: Unassigned

Title: SYNTHETIC IMPLANT WITH NONIMMUNOGENICITY COATING

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

The references identified below were disclosed in parent application Serial No. 10/364,762, filed February 10, 2003, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).

PTO-1449 forms listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the forms to indicate that the references have been reviewed and made of record. The references are as follows:

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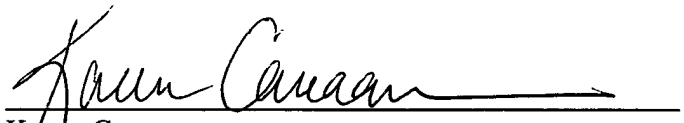
This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As this Information Disclosure Statement is being filed concurrently with the application, no fee is required.

Respectfully submitted,

By: 

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete if Known	
Application Number	CON of Serial No. 10/364,762
Filing Date	Filed herewith
First Named Inventor	Woonza M. RHEE et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2500-2287.06

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Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
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	AB	3,742,955	7/1973	Battista et al.			
	AC	3,788,948	1/1974	Kegadal et al.			
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	AH	4,002,531	1/1977	Royer			
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Examiner Signature		Date Considered	

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Sheet 2 of 6

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	ES	6,051,648	4/00	Rhee et al.			

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Substitute for form 1449A/PTO				*Complete if Known*	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*				**Application Number**	CON of Serial No. 10/364,762
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				First Named Inventor	Woonza M. RHEE et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
	ET	CA 2134744	5/1995	Canada			
	EU	EP 0013249	1/1980	Europe			
	EV	EP 0042253	12/1981	Europe			
	EW	EP 0154447	9/1985	Europe			
	EX	EP 0157359	10/1985	Europe			
	EY	EP 0171176	2/1986	Europe			
	EZ	EP 0243179	10/1987	Europe			
	FA	EP 0330389	8/1989	Europe			
	FB	EP 0341007	11/1989	Europe			
	FC	EP 0431479A1	6/1991	Europe			
	FD	EP 0466383	1/1992	Europe			
	FE	EP 0575273	12/1993	Europe			
	FF	EP 0640647	3/1995	Europe			
	FG	EP 0656214	6/1995	Europe			
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	FI	EP 0680990	11/1995	Europe			
	FJ	EP 0732109	9/1996	Europe			
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	FL	JP 4-227265	4/1990	Japan			
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	FT	WO 92/13578	8/1992	PCT			
	FU	WO 94/01483	1/1994	PCT			
	FV	WO 94/03155	2/1994	PCT			
	FW	GB 1059455	2/22/67	United Kingdom			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	FX	Poly(Eethylene Glycol) Chemistry: Biotechnical & Biomedical Applications, Chapter 22, J. Milton Harris, Ed., Plenum Press, NY (1992).	
	FY	Abuchowski et al. (1977), "Alteration of immunological properties of bovine serum albumin by covalent ttachment of polyethylene glycol," *Biol. Chem.* 252(11):3578-3581.	
	FZ	Abuchowski et al. (1984), "Cancer therapy with chemically modified enzymes. I. Antitumor properties of polyethylene glycol-asparaginase conjugates," *Cancer Biochem. Biophys.* 7:175-186.	
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	GB	Anderson et al. (1964), "The use of esters of n-hydroxysuccinimide in peptide synthesis," *[???]* 86:1839-1842.	
	GC	Beauchamp et al. (1983), "A new procedure for the synthesis of polyethylene glycol-protein adducts: Effects on fuction, receptor recognition, and clearance of superoxide dismutase, lactoferrin, and a_2-macroglobulin," *Analytical Biochemistry* 131:25-33.	
	GD	Bendich et al. (1982), "Immunological effects of native and polyethylene glycol-modified asparaginases from *Vibro succinogenes* and *Escherichia coli* in normal and tumor-bearing mice," *Clin. Exp. Immunol.* 48:273-278.	
	GE	Braatz et al. (1992), "A New Hydrophilic Polymer for Biomaterial Coatings with Low Protein Adsorption," *J. Biomater. Sci. Polymer Edn.* 3(6):451-462.	
	GF	Chen et al. (1981), "Properties of two urate oxidases modified by the covalent attachment of poly(ethylene glycol)," *Biochem. Biophys. Acta.* 660:293-298.	
	GG	Chvapil et al. (1969), "Some chemical and biological characteristics of a new collagen-polymer compound material," *J. Biomed. Mater. Res.* 3:315-332.	
	GH	Davis et al. (1981), "Hypouricaemic effect of polyethyleneglycol modified urate oxidase," *Lancet* 2:281-283.	
	GI	Doillon et al. (1986), *J. Biomed. Mat. Res.* 20(8):1219-1228.	
	GJ	Ferruti (1981), "Succinic half-esters of poly(ethylene glycol)s and their benzotriazole and imidazole derivatives as oligomeric drug-binding matrices," *Makromol. Chem.* 182:2183-2192.	
	GK	Fleisher et al. (1987), "Regeneration of lost attachment apparatus in the dog using polygalactin-910," *J. Dent. Res.* 281(66 spec.), Abstract No. 1393.	
	GL	Gander et al. (1988), "Crosslinked poly(alkylene oxides) for the preparation of controlled release micromatrices," *J. Controlled Release* 5:271-283.	
	GM	Gnanou et al. (1984), "Hydrophilic polyurethane networks based on poly(ethylene oxide): Synthesis, characterization, and properties. Potential applications as biomaterials," *Macromolecules* 17:945-952.	
	GN	Gomel et al. (1992), "Infertility surgery: Microsurgery," *Current Opinion in Obstetrics and Gynecology* 4:390-399.	
	GO	Inada et al. (1984), "Ester synthesis catalyzed by polyethylene glycol-modified lipase in benzene," *Biochem. & Biophys. Res. Comm.* 122:845-850.	
	GP	Katre et al. (1987), "Chemical modification of recombinant interleukin 2 by polyethylene glycol increases its potency in the murine meth A sarcoma model," *Proc. Natl. Acad. Sci. USA* 84:1487-1491.	
	GQ	McPherson et al. (1988), *Collagen and Related Research Clinical and Experimental* 8(l):83-100.	
	GR	Nathan et al. (1993), "Copolymers of lysine and polyethylene glycol: A new family of functionalized drug carriers," *Bioconjugate Chem.* 4:54-62.	
	GS	Nishida et al. (1984), "Hypouricaemic effect after oral administration in chickens of polyethylene glycol-modified uricase entrapped in liposomes," *J. Pharm. Pharmacol.* 36:354-355.	
	GT	Pados et al. (1992), "Adhesions," *Current Opinion in Obstetrics and Gynecology* 4:421-428.	
	GU	Pagidas et al. (1992), "Effects of ringer's lactate, interceed (TC7) and gore-tex surgical membrane on postsurgical adhesion formation," *Fertility and Sterility* 57(l):199-201.	
	GV	Pyatak et al. (1980), "Preparation of a polyethylene glycol:superoxide dismutase adduct, and an examination of its blood circulating life and anti-inflammatory activity," *Res. Com. Chem. Path. Pharmacol.* 29:113-127.	
	GW	Ramshaw et al. (1984), "Precipitation of collagens by polyethylene glycols," *Anal. Biochem.* 141:361-365.	
	GX	Savoca et al. (1979), "Preparation of a non-immunigenic arginase by the covalent attachment of polyethylene glycol," *Biochem. Biophys. Acta.* 578:47-53 (1979).	

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	GY	Sawhney et al. (1994), "Optimization of photopolymerized bioerodible hydrogel properties for adhesion prevention," *J. Biomed. Mat. Res.* 28:831-838.	
	GZ	Sperinde et al. (1997), "Phase transformation poly(ethylene glycol) hydrogels for tissue engineering and cell therapies," *23rd Annual Meeting of the Society for Biomaterials*, p. 247.	
	HA	Steinleitner et al. (1991), "Poloxamer 407 as an intraperitoneal barrier material for the prevention of postsurgical adhesion formation and reformation in rodent models for reproductive surgery," *Obstetrics and Gynecology* 77:48-52.	
	HB	Takahashi et al. (1984), "A chemical modification to make horseradish peroxidase soluble and active in benzene," *Biochem. & Biophys. Res. Comm.* 121:261-265.	
	HC	Tulandi (1991), "Effects of fibrin sealant on tubal anastomosis and adhesion formation," *Fertility and Sterility* 56(l):136-138.	
	HD	Ulbrich et al. (1986), "Poly(ethylene glycol)s containing enzymatically degradable bonds," *Makromol. Chem.* 187:1131-1144.	
	HE	Urman et al. (1991), "Effect of hyaluronic acid on postoperative intraperitoneal adhesion formation and reformation in the rat model," *Fertility and Sterility* 56(3):568-570.	
	HF	Viau et al. (1986), "Safety evaluation of free radical scavengers PEG-catalase and PEG-superoxide dismutase," *J. Free Rad. In Bio. & Med.* 2:283-288.	
	HG	Viau et al. (1986), "Toxicologic studies of a conjugate of asparaginase and polyethylen glycol in mice, rats and dogs," *Am. J. Vet. Res.* 47:1398-1401.	
	HH	West et al. (1995), "Comparison of covalently and physically cross-linked polyethylene glycol-based hydrogels for the prevention of postoperative adhesions in a rat model," *Biomaterials* 16:1153-1156.	
	HI	Wieder et al. (1979), "Some properties of polyethylene glycol: Phenylalanine ammonia-lyase adducts," *J. Biol. Chem.* 254:12579-12587.	

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